Collection No. 119 — E. Qld. & Gulf

21. iii. – 22. iv. 1962

Chinnick, Key, Corby



Goondiwindi — Ingham Trips.

10821 Goondiwindi 21/3/62.

10828 Timbered area on grey sandy soil bearing Euc populifolia Cas. crenata. Froggattina australis, Pyenostictus serratus, P. sp1, Oedalus australis, Rapilla fusca, Calathinia sp A, Morabu caresema odd Acacia harpophylla (brigalow) together with odd Wilga and Buddah. Ground cover green, composed of miscellaneous grasses Bassia birchii and Rhagodia sp.

10845 Cas crustata — Acacia harpophylla assoc. with scattered gidgai. Occas. Acrida conica, Oedalus australis, Conyphus tas rusicola, Monestria sp. Cedarinia sp A. Aelopus ramulus, Macrotona securiformis, Caledia captiva, Rapilla fusca, Pyenostictus sp 1. Genus nov 13 sp 3, Euc populifolia and Buddah. Sporobolus Caroli, Dicanthium sericeum, Key acris sp 1096 (? X) and Aristida sp. Some Paspalidium jubiflorum along the table drains. Generally dense green pastures.

10859 Jump up (Stony) Clearing Euc. sp. (iron bark) Cal. glauca, Acacia sp with green mesa cellaneous grass & herb cover: most prominent Chloris sp, Eragrostis australis Oedalus australis, Froggattina australis, Pyenostictus serratus, P. sp 1, Caparacella sp 1, Macrotona securiformis, Phaulacridium vittatum, Cephanthus quadrilobus, Genus nov 13 sp 3, Morabu caresema and Eragrostis parviflora. Occ. Dodonaea shrub.

10870 Weir River

10872 Stand of Euc populifolia, Cas. Lenhamii, Buddah with odd stunted

Dedalus australis, Pycnostictus seriatus, Froggattina
Wilga. Soil a sandy loam with well spaced australis, Rhytidicaites terminifera, Acacia conica, Cedarela sp 4.
Tussocks of Eragrostis lacunaria, and Aristida.
In damper spots, Eragrostis parviflora
prominent.

10884 Joined main Moonie Hwy. Turned right.

10886 Semi cleared Cas. creta bungalow
Cedarela sp 4, Phaulacridium vittatum, Froggattina australis,
area with much regrowth. Yelgas
Adelpes fasciatus,
full of water and soil pastures lush & green;
miscellaneous grasses and dicots.

10899 Top of rise on undulating country.
Morala caressima, Xypetia sp 3, Monestria sp, Froggattina
Learning Euc sp. crebra. Ironbark & Cal. glauca
australis, Gonioaea sp, Macrotona securiformis, Cedarela sp 11,
with a shrub layer of Dodonea sp.
Pycnostictus seriatus, Dedalus australis.
Aristida sp, Iraegus, and Danthonia
dominant pasture species. Eragrostis
lacunaria present throughout.

10902 Turned Nth to Tara.

10925 Tara.

10931 Camped. 7pm – 9pm

22/3/62

10931 Gravelly slope leaning Euc pilig.
Pycnostictus seriatus, Cedarela sp 11, Ephantes quadrilobus,
Euc crebra bungalow with compound
Dedalus australis, Gonioaea sp, Cedarela sp 4, Xypetia sp 3.
leaf acacia & Buddlah as occasional?
Morala caressima.

Aristida sp dominant together with small mixed dicots.

10936 Sandy area bearing Ironbark Monotoca sp., Callitala sp P60 (?), Myoporum sp. P100, spinifex, small acacia shrubs. Pasture sparse composed of scattered Aristida plants. Callitaloid sp from acacia (specimen)

10940 Undulating country area at base of rise bearing Euc crebra Cal. Genus nov. 13 sp 3., Pseudanura sp (?), Myoporum carnosum, glauca, Acacia Shirleyi, Cantheum sp. Ground cover of Aristida sp. Eragrostis lacunaria, and patches of fern. Monotoca appeared associated with the ferns.

10947 Semi-cleared area bearing Euc crebra Cas Leuhmani and T.-tree with mixed sclerophyllous shrubs. Soil clayey with area of pebbles. Pasture short-sparse mainly Eragrostis lacunaria.

Pseudanura sp., Monotoca sp., Pyenostictus seriatus, Eragrostis australis

10956 Crest of rise very sandy bearing Euc. sideroxylon and Euc sp (similar to pilligaensis in appearance). Spiny acacia sp together with Cantheum sp as shrub understory Ground cover composed of Eragrostis sp, Tragus aust. and "water couch" over very green.

Acrida conica, Pseudanura sp., Eupristocerus sp., Peakesia sp. 13, Pyenostictus seriatus, Heteroptemis obscurella, Oedaleus australis.

10957 Onto main Hgwy. Turned left

10970 Stony rise bearing Cal glauca
Genisaea sp, Monotrea sp., Peakeria sp. 13, Adelppa sp. 1,
Euc dealbata Bloodwood and odd Euc
Pyenostictus sericatus, Heteroptemis olsacurella, Froggattona
sideroxylon; Cas Leichmanii scattered throughout
australis, Cedarinea sp. 11.
Grass cover sparse mainly Bothychloa sp.
and Anastida.

10982 Condamine Turn Nth to Miles

10990. Area of Euc populifolia in parkland
Macrotona sp. 16, Oedalus australis, Pseudnura sp., Froggattona
formation together with Cas. Buddah.
australis, Macrotona securiformes, Morata campsima
Area well grassed with Eragrostes parviflora,
Chloris divaricata, Traegus aust and patches
of Bassia birchii.

10999 Mixed community of Cal. glauca
Monotrea sp., Pseudnura sp., Oedalus australis, Keyacens
Euc sideroxylon, Euc populifolia with
sp 10 9 b (?)(?), Genus nov 13 sp. 3, Callitala sp.
Acacia to 5ft as understorey. Soil sandy.
Anastida dominant ground cover, with
patches of Helichrysum (woody perennial).
Keyacris Callitalord on this.

11004 Miles

11009 Atractomorpha crenaticeps.
Camped 6pm – 10pm.

23.3.62

11009 Mixed community of Euc sideroxylon
Cal. glauca, Cas. Leichmanii, and Euc pilligaensis

with some Euc decalbata. A broad-leafed
Heteropteris glaucella, Peplusia sp. 13, Monotaxis sp., Psednura
acacia to 6ft in the more open areas
sp., Frenchella australis, Pyenostictus serratus, Xyperia sp 3,
Aristida and Eragrostis sp dominant ground
Genus nov 5 (?) sp 2, Keysaris 109 b(?)(1), Morabea sp 47, M. sp P44 b.
cover on gravelly soil. Patches of the
woody Helichrysum (looks like cypress pine)
together with ferns. Morabeas seemed
associated with the fern.

11021 Area of Euc. (like maculosa) on
Gonioma sp., Macrotona pecta, Cedarnia sp 4 (?), C. sp 11.
open woodland formation. Canthium sp
Psednura sp., Monotaxis sp., Peakesia sp. 13, Cupressella sp. 1,
and Acacia pycnantha as scattered
Apatrophis Fricarinata, Cryptolobus chrysophorus, Dodonaea
shrubs. Ground cover principally Aristida
australis
sp with some thin patches of Themida.
Leaf litter over whole of floor area.

11042 Slope of rise bearing Bungalow
Cedarnia sp. 4 (?), Monotaxis spp (2), Alyxia tamulus.
Cas. crustata and stunted Wilga. Soil
Macrotona pecta, Genus nov 13 sp. 1 ⅓
grey of heavy texture bearing mainly
Dicanthium sericeum.

11050 Wandoan.

11061 Mixed community of Bungalow
Acacia proxima, Macrotona sequeiformis, M. pecta,
Buddah Wilga with some Myoporum platycarpa
M. sp 16, Cedarnia sp. 4, Apatrophis sp. 6, Callitris sp. P5 6 (?)
Timber thickets with Rhagodia & Eremocarpus
as thick shrub layer. Rest of area grassed
with Dicanthium and Stipa (tench grass)
Miscellaneous shrubs in the more open areas.

11077 Mixed community of Euc melanophloia
Cedarmia sp 11, C. sp 4 (?), Lephantus quadrilobus
Adenus ramulus, Methiolaphis sp., Apotropis sp 6, Stenocatenichs
Wilga and Buddah. Some wild lime
auguti frons, Macrotona pueta, Psedmura sp., Morabe sp (P359ph)
present together with Wild Cotton bushes (Sida sp)
Grass cover mixed Stipa sp, Dicanthium
sericum and some Neurachne sp.

11088 Taroom

11089 left Taroom.

11096 Theodore Rd. Mixed community of
Acrida conica, Cedarmia sp 11, C. sp 4, Macrotona
Brigalow Wilga, Canthium sp and short compound
securiformis, Rapsilla fusca, Morabe sp (P359ph).
leafed Acacia, Understorey sparse except for more
open areas bearing Neurachne sp, Sporobolus sp,
Sida sp and a coarse Eragrostis sp. Soil
stoney but heavy in texture.

11100 Rd straighahead ~~Knight~~ turn to Theodore.

11108 Straightahead, right turn to Theodore.
Gingingidah.

11109 Hill top in range. Black Soil, bearing
Rapsilla fusca, Cedarmia sp 11, Frogatlona australis
Acrida conica, Genus nob 13 sp 1, Morabe sp P359ph)
Brigalow and Euc sp (similar to dealbata)
Mactotona securiformis.
with miscellaneous grasses & herbaceous
dicots.

11115 Camped. 7pm – 11pm. at light
Cedarmia sp 7 (?), Apotropis sp. 6

24-3-62 8 am.

11115 Mixed community of Euc oideroxylon

Cupressus cupressiformis, Acacia proxima, Cedarnia
Cal. glauca, Boab, Wilga and Canthium sp.
sp 7(?), C. sp 11, Ecphantus quadrilobus, Macrotona pectis
A shrubby layer of Lida sp Wild Lemon, Datura
Stenocarpus acacioides, Pyenostictus seriatus,
sp. Mixed herb layer as ground cover with
Methrolopsis sp.
Stipa sp, Aristida the dominant grass. Vines
wild passion fruit forming a dense low
stratum.

11118 Crest of hill on range bearing Euc.
Cedarnia sp. 11, Macrotona securiformis, Rapulla
populifolia Brigalow, Euc. Siderophylon, Wilga
fusca, Caledia captiva.
and Cal. glauca, Odd Myoporum and wild
lemon as shrub strata, Ground cover.
Eragrostis sp (coarse & bristly) with Aristida
and Stipa sp. (bunch grass)

11132 Top of rise sandy bearing Euc
Acacia cupica, Grevillea sp., Fraxgalfyna australis,
maculosa crebra with Cas. Leuhmanii
Apotropis tricarinata, Pedtyrsia sp 13, Adcappa erythroptera,
in open parkland formation, Some Acacia
Pyenostictus seriatus, Heteropteonis Oxcurella, Cedarnia sp 11,
Lycnathus as scattered low trees. Area
Ostalaus australis, Caledia captiva.
grassed with Stipa sp (bunch top) with
Helichrysum in more open areas. Flies from
fresh cattle pad. All fresh pads covered
with these flies

11138 Sandy area bearing Euc ~~maculosa~~ dealbata
Psedmura sp., Cedarnia sp 11, Legus nov 5(?) sp. 2, Xypectra sp 3,
and Euc chromophloia. Ground cover
Monastria sp., Callytala sp. (?).
composed of Aristida Stipa and on areas
less well covered, Helichrysum.

11[redacted]7 Coorada H.S.

Gyrocarpus spp(2), Cedarela sp 11, Macrotona pūcta,
11152. Open parkland formation on a Calodera captiva, Monstrera sp?, Morabe sp (P359pl.). ?
gentle slope bearing Euc. maculata, crebra?
(iron bark). Ground cover Stipa sp. and
Themida sp.

11164 Stony black soil slope bearing
Cedarela sp 11, C. sp 7(?), Heterosternis obscurella, Pentaria sp 13,
Bloodwood (Euc ochrophloia) small finely
Apatrophis sp 6, Froggattina australis, Macrotona pubeta, Genus
compound-leaved Acacia, and Euc blakelyi.
nov 13 sp 1, Morabe sp. (P36 complex).
Dense stand of Stipa (knee to p) with
scattered Sida sp and Euphorbias as ground
cover.

Heterosternis obscurella, Genus nov 13 sp 1, Genus nov 21 sp 1,
11170 Black soil slope bearing Bauhinia
Macrotona pucta, Morabe sp (P359pl.) Monstrera pustulifera,
Euc melanophloia Bargalow with miscellaneous
Acrotia conica, Cedarela sp 11, Atalopus tamulus.
shrubby understorey. Dicanthium sericeum
dominant pasture sp.

11171 Bloomsbury H.S.

11181 Chocolate loam bearing dense Bargalow
Rapella fusca, Acrotia conica, Atalopus tamulus, Cedarela
Cas. crustata and Morton Bay Ash with an
sp. 7(?), Stenocarpus angustifrons, Eopsantus quadrilobus,
understory of miscellaneous shrubs including
Acacia leiocalyx, Wild Lemon, Canthium. Sida and fine
Tussocks of Eragrostis aerocpoda.

11182 Main Rd.

11194 Bauhinia Dns Turned north to Duringa

Bermius brachycerus.

11198 Camped 6pm - 7-10.30pm

At Light

11198 Departed 7.30 am.

25-3-62.

11200. Community of Euc melanophloia
Gonocaea sp., Macrotona pueta, M. sp 16, Cedarmia sp 11,
Brigalow Duddah with scattered Daviesia.
Genips nov 13 sp. 1, Froggattina australes, Moraba sp. P40.
Odd Wilga also present. Some shrubs
present but widely spaced. Apasture of
Aristida, Themida, Eragrostis with mixed
dicots, Sida sp the most prevalent.

11210 Open stand of Euc. sp - some Morton
Heteropternis obscurella, Froggattinia australes, Macrotona
Bay Ash. No shrub strata. Ground cover
sp 16, Callitala sp. P57.
principally Eragrostis aerisopoda, Stipa
and Aristida on slightly fine gravelled
loam.

11225 Creek or River Dawson?

11225 Northern bank of stream bearing Euc
Moraba sp. P40(?) Stenocatantops augusti fronts, Adelpus
cammaldulensis Morton Bay Ash, and Euc.
tapuloides.
ochrophloia (bloodwood) or Terminalia.
Mixed grasses and herbs, the more prominent
being Stipa and Sida sp.

11229 Slope of rise bearing Euc sp (ironwood)
Gonocaea sp., Caledia captiva, Cedarmia sp 7(?),
and Euc sp (bloodwood) with a broad phylloded
G. sp 11.
Acacia as scattered understorey. Grass
layer composed of Aristida, Eragrostis sp.
Sida sp and some clumps of Cymbopogan sp

11238 Savannah Grassland area with Euc
Goniaea spp (2), Cedarmija sp. 11, C sp. 5 (?),
maculosa crebra and Bloodwood (terminalia)
Macrotona sp. 21, Macrotona sp. 1, Xypetria sp. 3, Callitala
with sapling growth throughout. Several
sp. P52a, Moralba sp P40 (?)(?).
stunted Lauhinas present. Aristida some
Stipa, Eragrostis and Themeda forming
a mixed grass cover. A Helichrysum
present in the lighter vegetated areas.

Caledia captiva, Xypetria sp. 3, Goniaea spp.
11251 Mixed community of Euc crebra
Macrotona sp. 1, Peakesia sp. 13, Heteropsternis obscurella,
sideroxylon, Bloodwood with Canthium
Tolgadia sp., Cedarmia sp. 5 (?), C. sp. 11, Dedalus australis.
shrubs very scattered. Ground cover
Aristida, Dicanthium and Eragrostis aerecpoda.

11257 Mari Hwy.

11264 Duaringa. Returning & going by
way of Emeral

11271 – 11257.

Heteropsternis obscurella, Macrotona sp. 16, Dedalus australis,
11280 An area of Euc populifolia and
Caledia captiva, Goniaea spp., Moralba sp. P40 (?), Peakesia sp. 13,
sideroxylon with some regeneration of both
Macrocasia sp. 1.
species. Area flat with Dicanthium, Eragrostis
and red top (pink seed panicle) sp. Odd Rhodes
grass clumps with Sida sp dominant
annual dicot.

11292 Dingo

Genus nov. 28 sp 2, Cedarmia sp. 5, C. sp 11, Xypetria sp. 3,
11297 Open stand of Euc populifolia with
Goniaea sp.
an open grassland pasture of Dicanthium,

Eragrostis aeroloda, some Stipa and Themeda.

11310 The Bluff

11312 An area of Eucalyptus with Wild lemon and a prickly compound-leafed Acacia growing in thickets particularly at base of trees. Dicanthium + Stipa mainly grass cover with Eragrostis and Sida sp as subordinate species.
Psednura., Cedarmia sp 11, Hymenachne sp, Tolgadia sp., Austrocris proxima, Peaksia sp 13, Moraba sp 40(?), Callitala sp. P57.

11325 Area of Brigalow scrub on brown chocolate soil. Eragrostis dying off as a spare pasture. Wild lemon growing in clumps.
Methiolopsis sp., Rapella fusca, Atalopus tamulus, Cedarmia sp 5, Froggattia australis, Meridiscus sp., Genus nov 13 (?) sp 1.

11323 Blackwater
Pycnostictus seriatus, Geniosa sp. Cedarmia sp 11, Moraba sp P40(?)j), Paratettix alboumbratus

11329 Camped 5.30 pm. alight 6.45 - 10.45 pm

26-3-62.

11329 Mixed community of Brigalow Wilga Bauhinia and odd Mort Bay Ash Soils sandy Eragrostis sp dominant with Heteridea. Small Acacia to 4ft with spikes Moraines on this Wild lemon(?) in thickets (prostrate).
Cedarmia sp. 11, Genus nov 13 (?) sp 3, Methiola sp., Ozolaphus australis, Cedarmia sp. 5 (?), Moraba sp. P40(?), Callitala sp. P56.

11335 Lateritic crest of range bearing Eucalyptus sp (box bark), Miscellaneous Acacia's
Macrotona fuscata, Macrotona sp. 1, Cedarmia sp 11, C. sp. 5,

Adrepphus sp. 5, Peakeria sp. 8, Lyoniaea sp., Ecphantas and scalophores shrubs. Eragrostis, dominant quadrilobus, Methicla sp.
plant ground cover with ferns in damp situations.

11345 Comet

11353 Mixed community of Eas. crista, Menistma sp., Cedarmia sp. 7, Morabo sp (P35 ph), Eue (Morton Bay Ash) and Brigalow with Callitola sp. P56 (?), Froggattona australis, Xyleetra sp 3, small acacias as tall shrubs. Myeforum sp Methicla sp.
scattered throughout. Wild Lemon thickets as low shrubby strata. Pasture sparse mainly Eragrostis aerofeda. (dry).

11371 Emerald.

11377 Brigalow - Bachnia scrub with Adepus tamulis, Hepalicus gracilis, Cedarenia sp. 7(?), scatter shrubs including Myeforum. Austracris guttulosa, Monatma pustuli fera, Macrotona sp. 16.
Mixed grass cover of Dicanthium, Flinders grass - Astrebla with a tall growing Aristida appearing occasional. Soil Self-mulching.

Austracris guttulosa, Locusta migratoria, Adepus tamulus, ~~genus~~
11390 ~~nov 21 sp 1~~; Morabo sp. P36 Open downs black soil, with Dicanthium Astrebla Treeless.

11397 ~~Adepus tamulus~~ Heteropternis olgaevella, Macrotona sp. 16, M. sp. 21, M. pusta, Lyoniaea sp, Apotropis tricarinata, edges of Eue populifolia with scattered Eremophila sp. with thickets of Wild Lemon. Pasture dry mainly Aristida.
Peakesia sp. 8, Oedalius australis, Cedarmia sp. 5, C. sp. 11

11406 Capella

Genus nov 21 sp 1, Goniaea sp, Morabasp (P36 complex), Ocelaleus australis, Gastrimargus musicus, Nepidicus gracilis, Cedarnia sp. 12, Macrotona sp. 16, Cedarnia sp. 7(?), C. sp. 11, Genus nov 13 sp. 5. and melanophloia. Grass cover of Dicanthium sericeum and Stipa.

11420 Slope up from creek Black soil plain Leaning scattered Euc ecotinal

11435 Stony or hilly rise Leaning Wilga Morton Bay Ash and Euc melanophloia with scrubby Acacias Eremophila Mitch Lemon Thickets. Pasture Aristida, Eragrostis Althenaria, Eriachyon with occasional Bassia birchii.

Element 11442

Back to 11444 Term of Mackay.

11448 Turned right. Mackay.

Austracris guttulosa, Morabasp. P38(?)

11468 Camped 6 p.m. Pic 12

27-3-62

11468 Open downtype country black soil with scattered Eucalyptus & Bloodwoods (Terminalia) walked to huge granite rock. Collected at base, 1½ above.

Acrida conica, Austracris frontalis, A. guttulosa, Macrocara sp 1, Caledia captiva, Cedarnia sp 13, Gastrimargus musicus, Goniaea sp, Genus nov 21 sp. 1, Methoia sp.

Pasture Stipa, Dicanthium and patches of Andropogon sp. Sida sp. Aristida on more open stony areas.

Cedarina sp 13, Genus nov 13 sp 5, Methiola sp, Genus nov 21
11505 = 11481. (Turned back. To campsite)
sp 1, Gastrimargus musicus, Atlopus tamulus, Heteropternis obscurella,
Area of blackoil downs type country with
Chortoicetes terminifera, Oedaleus australis,
scattered bloodwoods. Pasture Panicum,

Dicanthium.

11517 Undulating range country bearing
Methiola sp, Monistria rosipennis, Goniaea sp, Caledia captiva,
Euc sp. Brigalow. Bauhinia. Euc populifolia.
Gastrimargus musicus, Peakesia sp 8 = 13, Cedarina sp 14, Oedaleus
with Eremophila Wild lemon thickets as
australis, Heteropternis obscurella, Agoridia conica, Apotropis tricarinata,
shrubby understorey. Pasture, principally.
Tolgadia sp.
Aristida, with Dicanthium in the damper

situations.

11519 Rocky range bearing Euc crebra
Agoridia conica, Apotropis tricarinata, Cedarinia sp. 14,
at base + Acacia sp (Shirleyi) on slopes.
Macrotona sp. 31, Goniaea spp (2), Tolgadia sp, Perbelia brevicalata,
with several miscellaneous small Acacias
Methiola sp, Peakesia sp. 13, Oedaleus australis, Macrocara sp. 1
as shrubs. Grass sparse, sometimes in

patches. Chiefly Stipa on lower slope
Eragrostis on hill itself.
Tolgadia sp., Oedaleus australis, Adiaphe erythroptera, Bermuus
11536 Isaacs River. River bank with
Eolentocercus, Peakesia sp. 13, Caledia captiva, Callitala sp. P57.
miscellaneous grasses dicots.

11547 Plateau top, which has recently been
Goniaea sp., Tolgadia sp., Macrotona sp 21, Methiola sp.,
fired. Acacias form dominant cover in
Genus nov. 57 sp. 1, Gastrimargus musicus, Austracris procima,
thicket stands (broad phyllode leafed narrow
Macrocara sp 1, Peakesia sp. 13, Heteropternis obscurella, Cedarina
leaf types). Ground cover grass, new shoots
sp 14, Oedaleus australis
of Stipa sp.

11551 Annadale H.S.

11565 ✓ Mixed community of Euc. tetrodonta
Acacia conica, Grevillea sp., Bossiaea sp. 14, Tolgadia sp.,
Banksia sp., with several Acacia sp. and
Pearsonia sp. 13, Macrocarpa sp. 1, Eriostemon coralliopes, Xylotheca sp. 3,
short shrubs. Wild Lemon as thickets.
~~Cassinia sp. 24, Myrtaceae rosaceanus~~
Grass cover predominantly Stipas.
Cassinia sp. 14, Myrtaceae rosaceanus, Pearsonia sp. 13, Tolgadia

11587 Area of Euc. tetrodonta with scattered
sp., Grevillea sp., Apatophyes tricarinata, Heteropternis obscurella,
Buddah, in woodland formation. Good ground
Acacia conica,
cover of Eragrostis lacunaria, " sclerophylla,
with Stipas and Dichanthium the most
dominant.

11598 ✓ Main Bruce Hwy
Gastrimargus musicus, Grevillea sp., Pearsonia sp. 13,
Open parkland of Iron barks & Morton
Cassia capsularis, Adelpha erythroptera, Tolgadia sp.,
Bay Ash. Area stony and undulating
Oedaleus australis, Macrotona sp. 31, Macrocarpa sp. 1.
Mixed grass cover, regrowth from fencing.

11600 Camped 5.30 pm Rain 12

28.3.62 Sphingonotus erythropterus, Tolgadia sp.,
Moraba sp. (P354h.)

11600 left Sam

11606 Slope of hill bearing several Euc spp.
Adelpha erythroptera, Pearsonia sp. 13, Heteropternis obscurella,
(Morton Bay Ash) Ironbark and smooth
Stenocarpus sp. 1, Cassia capsularis, Oedaleus australis,
barked broad oval leaf sp. Ground cover
Acrida conica, Gastrimargus musicus, Grevillea sp., Froggattina
composed of Stipa, and some miscellaneous
australis, Callitettix sp. P57, Austracris proxima, Paratylotropidia
dicots e.g. Sida,
Smaragdina

11633 Savena

11644 Euc sp (Mesophlora) with tall
Adolpus famulus, Corybiates variicole, Gastrimargus
Tmarcus, Callitala sp P57 (fur), Gonaea sp, Froggattina australis,
Taniesma grass and miscellaneous
Heteropternis obscurella
thick dicot creepers + plants forming a
dense ground cover.

11657 Mackay

11666 Left Mackay
Adlappa erythroptera, Gonaea sp., Adolpus famulus,

11681 Rocky outcrop bearing Euc sp
Heteropternis obscurella, Callitala sp. P65.
(smooth bark large ovate leaf) with
Tall Stipa sp and miscellaneous grasses
and dicot herbs.
Peakesia sp 13, Caledia captiva, Macrotona sp 21, Heteropternis

11690 Pebbly slope of hill bearing the
Obscurella, Pycnosticles serratus, Macrotona sp. 1, Atractomorpha
smooth bark gum and a box sp (Woodward)
crenaticaps, Adolpus famulus, Gastrimargus musicus, Gonaea sp,
with low broad phyllodad leaf. Tall Stipa
Adlappa erythroptera
(sugar grass) some sedges and dicots, in
a thick ground mat.

11704 Calen

11707 Roadside verge along creek bank.
Adlappa erythroptera, Heteropternis obscurella, Macrocara Macrotona
sp. 1, Froggattina australis, Cedarnia sp. 9.
Thick vegetation of Stipa, red top (Eragrostis sp)
and miscellaneous mixed dicot in a
thick ground cover.
Adlappa erythroptera Caledia captiva, Peakesia sp. 13,

11719 Slope of hill bearing mixed Euc sp.
Stenocatantops vittipennis, Froggattina australis, Tolgadia sp.
(Iron bark) with dense short grass cover
of Stipa sp.

Peatessia sp. 13, Tolpadea sp., Caladia carstensis,
11736 Open parkland formation of Euc. (Ironbark)
Stenocarpus sp (?)
and smooth barked gum with large ovate
leaf. Dense Stipa and Themida avenacea
pastures.
11737 O'Connell River
11751 Proserpine
Goniaea sp., Calliphora pinnatifida, Hedotettix bolivari
11762 Camped at light. 6pm. 7pm – 9.45pm

29-3-62 Left camp site 7.30am.
11764 Slight rise bearing a stand of Euc sp
Goniaea sp., Gastrimargus musicus, Peatessia sp. 13,
(flakey bark like bloodwood) with shrubby
Adlaffia erythroptera, Macrotona sp21, Xyperia sp3, Psammura sp.
widely space Acacia sp (broad phyllode).
Callitrhea sp. P13.
Under storey of Stipa, Aristida with miscell.
dicots. Rather open cover. Poor sandy soil
Xyperia sp. 3, Peatessia sp 13, Goniaea sp. Adlaffia
11769 Open stand of Acacia sp (tall, scraggy
erythroptera
tree broad phyllode). Some stunted Casuarina sp
to 15ft. with widely spaced Xanthorrhoea (grass-
trees) pasture predominantly Aristida. Soil
grey sandy podsol.
Adlaffia erythroptera Macrocona sp1, Acrida
11782 An area of Euc sp (Ironbark) and Casuarina
conica, Dedalius australis, Macrotona sp 31, Pycnostictus
sp. Open grassland type with Aristida
seriatus, Tolpadea sp., Aiolopus tamulus, Gastrimargus
and Stipa co-dominant. Scattered trees
musicus, Stenocarpus retropennis, Peatessia sp 13
of the Euc sp (smooth bark, ovate leaves) disappearing
as occasionals

Tolgadius sp, Desertana sp 11, Macrocera sp 1, Oedaleus australis

11790 Stony hill bearing scattered Euc sp.
Cedarinia sp 9, Acrida conica, Austrahis guttulosa, Adelpha
Bulk of cover Stipa (Spear grass).
erythroptera, Tolgadid sp.

11795 Bowen.

11803 Horseshoe Bay. Granite outcrop with
Gastrimargus musicus, Kyoniada sp, Coryphistes rugicola,
scattered Bloodwoods and shrubby broad-leaf
Macrotona sp 31, Aidopus tamulus, Pyrgostrictus serratus
Acacia. Red top Spinifex and Eragrostis
Methioda sp, Calliteba sp P13.
between rocks. Some Labiate shrubs.

Marabinis from Acacia.

11809 Left Bowen,
Oedaleus australis, Acrida conica, Tolgadius sp, Peakesia
11825 Open plains Type of country bearing
sp 13, Aulopus tamulus, Austracris guttulosa
scattered Ironbarks, good pasture cover of
Stipa, Chloris spp and Eragrostis.

11839 Base of hill with scattered Euc.
Gonaxia sp, Adelpha erythroptera, Gastrimargus musicus,
(3 sp) Ironbark. Smooth bark white leaf and
Tolgadius sp, Peakesia sp 13, Oedaleus australis, Perbellia brunneata
sp similar grey box. Together with Cas.
Cedarinia sp 9.
Leichmanii. Pasture composed of Stipa, Aristida
and Red top (Eragrostis?). In patches a
dense mat of a prostrate legume is present.
Soil, granitic sandy loam.

11841 Elliot River
Cedarinia sp 9, Macrotona sp 31, Tolgadius sp, Heteropternis
11849 Small granite boulder hill bearing
obtusella, Oedaleus australis, Gastrimargus musicus, Acrida conica
Euc sp (Bloodwood). Pasture = Stipa sp.

11868 Inkerman

11877 Home Hill

11884 Ayr.

11909 Giru

Adlappa erythroptera, Atractomorpha crenaticeps

11921 Cramped. 6 pm. 7 - 9.30 am.

30.3.62

~~Macrocarc~~ Macrotona sp1, Peakesia sp13, Callitala sp P57, Ocidalus australis,

11921 Undulating rocky rise at base of Mt Elliott, bearing 3 Euc sp. (ironbark, Tolgaidia sp, Perbellia brevialata, Cedarina sp 15, Heteroptemis obscurella, Macrotona sp31, Gastrimargus musicus, Conalea sp, ovate leafed smooth bark and Bloodwood. Clapsydria bistrio

No shrub strata. Mixed grass cover of Themida Rhodes grass and Stipa

Gastrimargus musicus, Adlappa erythroptera, Tolgaidia sp,

11929 Flat flood country bearing Euc Bermudla acuta, Peakesia sp13, Heteroptemis obscurella, Bermuns sp (smooth bark, ovate leaf) and scrubby broad Brachycorus

phyllode Acacia. Ground cover, dense tall Stipa sp.

11933 Woodstock

Peakesia sp 13, Acrida conica, Heteroptemis obscurella,

11940 Open area with scattered Euc sp. Austracris guttulosa

(smooth bark, ovate leaf) Dense Stipa sp. Rhodes grass.

Austracris guttulosa, Gastrimargus musicus, Adlappa erythro

11948 Undulating hills with mixed Stipa, Ocidalus australis, Stenocatantops splendens, Tolgaidia sp, Euc sp. Dense stipa pasture

Froggattina australis, Callitala sp P57.

11960 Townsville. 7 pm - 9.30 pm

Sat 31/3/62 7 am - 12.30; 4 pm - 6 pm

1/-4/62 8.00am

12043 Light Townsville

Adelpha erythrophtera, Atractomorpha crenaticeps, Macrotona sp 31, Austrogeris basalis, Gonaeua sp, Tolgadia sp, Gastrimargus musicus, Stenocarantops vitripennis, Macrocera sp 1, Paterisia sp 11

12053 Lower Slope of hill gravelly Miscellaneous scattered Euc. sp. with mixed grass cover of Stipa Aristida, Themida avenacea in patches. Mixed dicots. Small areas of an Acacia sp to 4ft. Broad phyllode sp.

Tolgadia spp (2) Caledia captiva, Heteroptemis obscurella,

12061 Flat country bearing in an open parkland formation Euc sp (smooth bark, broad ovate leaf) and a tall Acacia sp (scraggy broad phyllode) Pasture thick green a mixture of Themida, Stipa and Aristida, with patches of a sedge in the damper situations

Paterisia sp 13, Gastrimargus musicus, Acrididae, Gonaeua sp, Macrocera sp 1, Caledia captiva, Rectitropis sp,

12070 Mixed Euc sp in open parkland formation with mixed grass and herbaceous dicots. Very thick and dense. Stipa and Aristida dominant.

Tolgadia sp, Froggattina australis, Heteroptemis obscurella,

12075 Rollingstone

Gastrimargus musicus, Paterisia sp 11, Stenocarantops

12077 Base of stony hill. Dense Stipa aigusta, Panicum, Red Top and some dicot herbs.

Paterisia sp 21, Heteroptemis obscurella.

Ingham/12113.
To Lucinda — Taylors Beach. — Ingham.

Trebonne 12168. to Upper Stone.
Actraetomorpha crenaticeps, Pardellana sp 3, Corythuisis nuricola
12186 Camped. 6pm. 7.30 - 8 pm

Returned to Ingham via Trebonne.

12207 Ingham

2 - 4 - 62

12208 Depart Ingham — Cairns Rd.
12220 Cedar and sp 15(?) Rain forest gully; open clearing with thick undergrowth of Lantana, mixed grasses shrubs and ferns. Nymphs of Caledia and Mastracris.

12223 Pebbly sandy area bordering Mangrove covered channel. Clearing
Aenida conica, Acetitropis sp, Caledia exigua,
Euc. Acacia sp in open woodland formation with numerous short Xantheria trees (grass trees). Themida and Aratida dominant grass sp. Odd Casuarina tree present. No grasshoppers. ½ mile on Mixed Acacia Euc & Angophora sp with Pandanus palms scattered throughout. Position as for above 12223.

12224 Tolgadia tortilis Mixed community of Casuarina sp. + Acacia sp with grass trees throughout. Mixed pasture of Themeda - sedges.

12241 Base of rocky hill with Acacia sp (broad phyllod) and mixed tree sp. Caleana captiva, Callitala sp. Dense pasture of Stipa spp (giant + bunch top), with some Themeda.

12246 Cardwell. returned towards Ingham.

12276 Canfea

12287 Ingham. 12288 Aerodrome.

4/44.

12663 Ingham

669 Turned left for Stone River

674 Perfectly level plain to brown soil. Sw. woodland of Melaleuca Goniaea sp, Stenokatantops vitripennis, Tolgadia tortilis, Heteroptenis obscurella, Caleana captiva. to 20-30 ft. the principal one having smooth mauve bark + almost circular leaves. (? papuana) Mixed grasses to 3 ft + flower stalks to 6 ft. Coastr

681 Upper Stone.

685 Same trees on ? conglomerate

Gastrenarges muricus, Stenocatantops vittipennis,
slope ld. a few rocks exposed,
Atractomorpha crenaticeps, Heteropternis obscurella, Pyrgomorphella
Gryllacridae. on creek. Grass as before.
a few thin legumino. & other
shrubs to 4ft.

1692. Near summit of steep range.
Cedarnia sp 15 Methiola sp.
Mixed eucalypts to cliff with
Casuarina sp to same on pocket
of depauperate rain forest in a
gully. Mixed grass 2-4 ft
under eucs, patches of succulent
shrubs., rock exposures.

697 Mt. Fox.

701 Turned off to Kangaroo Hills

703 Off track: returned.

701 Back on track (705 = 701

708 Undulating country with
Methiola spp(2), Themolfus pulchra, Gonaea sp, Stenocatantops
chocolate soil. Dense eucalypt
sp.1; Tolgadia sp; Cedarnia sp 15; C. costata, Acrida conica,
woodland of a rough-barked
Meroteona picta, Caledia captiva, Paradiana sp 13, Callitala
bloodwood (C. grandifolia) & Poec.
sp.
other eucs to 50ft, Casuarina
sp. to 20ft, ground layer of
Themeda australis to 18in with
scattered grasses to 6ft.

718 Sav. woodland on gentle undulating brown soil on shale. Probable coffee rock to 30ft. Acacia sp., Eucalyptus sp., Melaleuca sp., Grevillea sp., Hakea sp., Dodonaea sp., Triodia sp., Aristida sp., Thuarea sp., Themeda australis & other grasses to 2ft, some low forbs. Gastr., Heteropt., Caladia.

723 Kangaroo Hills
Merrala sp (Cunn. ex K.), Acrotriche subserrulata, Petrophile canescens, Petrophile sp., Grevillea sp., Eucalyptus sp., Hakea sp., Dodonaea sp., Triodia sp., Aristida sp., Themeda australis & other grasses to 2ft, some low forbs. Gastr., Heteropt., Caladia.

730 Undulating country on pale brown soil with E. cactus sav. woodland to 30ft. Almost continuous ground layer of Themeda australis & annual grasses to 2'6". Acrida

741 Undulating country on pale brown soil with some low stony ridges. E. argentea to 30ft, with some Cretan & Eca. woodland. Sparse grasses to 1ft, patches of prickly shrubs.

743. Canal Creek.

12750 Gently undulating.
Theomolpus fulchra, Tolgadia sp, Moraba sp P95 (?),
brown gravelly soil. E. argutea
Pealesia sp. 11, Pyenostictus serratus, Gastrembergus musicus,
& some Grevea both to 6 ft &
Goniaea sp., Macrotona picta, M. sp 31.
occ. paperbark & other small trees
to 15 ft. Open Themeda australis
to 4 ft, with patches of prickly
shrubs to 3 ft & scattered dicots.
Mosabine on Themeda. Mantis
behaving like a wasp, waving
antennae, etc.
Austracris proxima, Goniaea sp., Pealesia sp. 11, Monistria
764. Stony hillock & brown 5 9 ft
moseleyanis, Methidia sp, Cliffsydra historio, Macrotona sp 31;
soil. Argutea es. occ. Grevea
Caledia captiva, Theomolpus fulchra, Moraba sp P95
& several shrubs to 8 ft. Themeda
Callitala sp P59
& other grasses fairly sparse
to 1 ft.
Genus nov. 28 sp. 1, Goniaea sp, Pealesia sp. 14, P. sp. 11, Addaspha
771 Undulating rise es. occ.
coy Thrapiera, Macrotona sp 31, Tolgadia sp., Moraba sp P95 (?)
eucalypts E. subangusta to 25 ft.
Themeda australis & other
grasses to 2'6". Gravelly & stony
Brown soil. Acacia, Eastr
Ramius odontoceras, Acolopus tamulus, Macrocara sp. 1, Pyenostictus
773 River crossing serratus, Atractomorpha crenaticeps,
Caliphoropsis viridis
779 Bundeka River. To 15 ft to
cross. Referred 2 miles.

781 Reburn towards river

Gastromarqus musicus, Rapsilla fusca, Oedaleus australis,
782 Broken loam flat south
Monistria roseipennis, Peakesia sp. 11, P. sp. 14, Goniaea sp.,
E. elegantula to 20ft, Banksinella
Euophrastes sp. 2, Acolopus tamulus, Caledia captiva, Froggattina
sp. to 15ft, E. serrata to 10ft, Callitala sp. P59,
to 10ft + other small shrubs
to 4ft. Sparse grass. Callitaloids
regrowth of Casuarina
on shrubs, esp the species A
(spec), which grew to 12ft.
783 Gastrimarqus musicus, Bermius odonto-ceras
Burdekin River again
6/5
783 Burdekin river
786 Moonvale 145.
791 Join Gregory Highway
111 Flat, in brown loamy soil.
Gastromarqus musicus, Goniaea sp., Euophrastes sp. 2,
E. elegantula, Locusta, Locc
Macrotona sp. 31, Tolgalina sp., Peakesia sp. 11, Rapsilla
dichromatoptera + euphroptera
fusca, Callitala sp. P59, Genus nov 80 sp. 2.
all to 40ft, Eucalyptus to 20ft,
bendah to 15ft, prickly shrub
sp. A, with practically no
ground layer in one part,
dense growth of Dichanthium
+ Aristida grass to 2ft. Heather
Acacia, Eastr., Oid, Heteroptt (jun.)

799 Turn off to The Lynd.

813 Undulating country covered Gastrolobium muricatum, Goniacea sp., Acacia conica, Macrotona picta, M. sp. 21, Peaksia sp. 14, Tolgadia sp., Moraba sp P96(?). with spinifex tussocks. Brown soil

E. argentea to 40ft, a phyllodia acacia to 8ft, a small phyllodia acacia to 2ft, Thryptomene australis to 1ft, Trioda sp to 1ft

828 Acacia conica, Genus nov 80 sp 2., Callistilla rubripes, Goniacea sp., Macrocarpa conglobata, Peaksia sp 14, P. sp 11, Macrotona sp. 31, Tolgadia sp., Heterophlebis obscurella (?), Macrozelota sp 3, Moraba sp. P96(?). Very stony not much grass. Trees E. melanophloia to 20ft E. argentea & a bright green shrub with small leaves to 8ft. Thryptomene australis & other grasses to 2ft, some bare patches. Gastr. Occ.

Pycnostachys urticifolia.

830 Summit of Dividing Range.

834 Hann Highway. Turn left.

835. The Lynd.

836 Turn off highway to right.

843 Undulating country & edge of Conglomerate hill with exposed boulders. Brown soil Moraba sp P95(?), Goniacea sp., Tolgadia sp., Macrocarpa conglobata, Clipsydra sp. 2, Macrozelota sp. 3, Macrotona sp. 31, Genus nov 80. sp. 2. Peaksia sp. 11.

E. alba to 40ft, occ. dichromo-

plebeia to some height a lower
erythropleia. Themeda australis
& other grasses to 3ft. Quartz stones
widespread, sometimes in dense
sheets bare patches. Aspect
associates with rocks.

856
714 Flat plain w. grey-brown sandy
loam soil supporting open
to 40ft & leaders on one side to
a creek & Melaleuca woodland
to 30ft non others to strongly self-
mulching broad depression
broadly fringed by ? lancewood
& bearing grasses & forbs to 2ft
& taller leguminous plants
very prickly to 6ft. A. gutturosa

857 Carpentaria Downs 14.5.

857 Paratettix niger scens.
Maslin R. crossing.
Macrocera conglobata, Adlappa erythroptera, Gastrimargus
813 Gently undulating soil
musicus, Tolgadius sp., Pycnostictus seriatus, Peakesia sp. II
almost entirely covered
Lyriothrix sp., Austracris guttulosa, A. basalis, Caloptilla rubrifasa,
loam. E. argutifera to some
Macrotona sp. 21. to 30ft
erythropleia) & occ. Kurrajong
to 20ft. Patchy dense grass

to 2'6", some forbs, some low patches.

Valanga irregularis, Acrotona conica, Austrocnis guttulosa, Ecphantes quadrilobus, Hepalceus gracilis, Oedalcus australis Peakesia sp. 16, Polyhepalceus, P. nana, Macrocara conglobatus Happarana sp. 1, Calepistella, Lepsydria sp. 2, Genus nov. 80 sp. 2, Monistria roseipennis, Calepistella rubripes, Austrocretes tricolor Manochra, Hepalceus, Austrocnis Goniasa sp.

12 83 Heavy scrub - rata, kaiwhiria, Lark grass, scrub, bush a tall heavy grass to 5ft, flowers grass & various low forbs.

Brachyp. Peakesia on this. Also a steep rocky hill (greywacke) immediately adjacent. Calepistella here. Happarana on spec. C, Ecphantes on spec. D. at base of hill.

884 Tirau Bush

Tolgadia sp. Gastrinarques musicus, Macrotona sp. 31, M. sp. 21, Calepistella rubripes, Goniasa sp., Macrocara conglobata, Peakesia sp. 15, Eucphister sp. 2, Callitalas sp. 54.

902 Strong slope near summit of Kaimanawa Range. E. mylauchi Lord, a buff-barked [illegible] Callihis sp., occ. crebra, all to 20ft, w. scattered shrubs, mid. & silver-leaves up to 2ft on which callitalas was found (1 spec).

904 Summit of range

921 Hilly. Brown soil, some
Calopstilla rubripes, Peakesia sp. 11, P. sp. 15,
Rhone. E. argentea, in some
Goniaea sp., Eucophistes sp 2, Austracris proxima,
argentea + Nulalaca sp. (Spec)
Clepsydria sp. 2, Genus nov 80 sp 2, Macrotona sp 31,
also 5 ft. Callitaloes on
Monastria rosenpennis, Pycnostictus seriatus, Callitala
Nulalaca regrowth to 3 ft.
sp P66.
Sparse grass, some other small
shrubs.

929 Tornado
Goniaea sp., Genus nov 80 sp 2, Macrocara
930 Flat of Gahnia not Quartz stony.
congelata, Eucophistes sp. 2, Macrozelotta sp. 3, Peakesia
Nocturnus E. argentea to 2½ ft.
sp. 11, P. nana(?), Callitala sp. P59, Clepsydria sp 2,
Also another small tree to
Calopstilla rubripes.
2 ft. Basal petchus bearing
a lupin-like plant & other low
shrubs. The larger callitaloes
on the lupin. (Spec)

947 Stony rise E. argentea
Clepsydria sp. 2, Calopstilla rubripes, Genus nov 13 sp. 2,
(largely defoliated by an insect),
Goniaea sp., Genus nov 80 sp. 2, Eucophistes sp. 2, 15 ft.
Spec. Entomoptera, to 25 ft.
Peakesia nana(?), Gastrimargus musicus, Macrocara
Scattered plants of a very large-
congelata, Tephantus quadrilobus
leafed Cassia. Various grasses
incl. Aristida sp. to 2 ft.
Diabrotes beetle forms gall
on Acacia sp. Gastr.

955 Georgetown
12963 Callitala sp. P59, Calophilla rubripes, Genus nov 80 sp. 2, Goniaea sp., Euophustes sp. 2, Peakesia sp. 11. Gently undulating, pale brown coarse sandy loam. Moribund E. argentea + another round-leafed tree, all to 20ft. Grass ground layer, largely Aristida sp. to 2ft, occ. decots. mid. the "lupin" from last stop. Callitaloid on last. [NB. some labels erroneously "12983".

976 Level. Brown coarse sandy loam. Peakesia sp. 11, Genus nov 80 sp 2, Euophustes sp. 2, E. argentea and fruit Goniaea sp., Heteropternis opacipella (?), Callitala sp P59, small tree + Melaleuca (sat Austrojecetes tricolor, Genus nov 13 sp 2, Genus nov 75 sp 1. 921). Grass mainly Aristida 2ft, occ. regrowth of Melaleuca Callitaloid ? on last, ? on grass.

987. Red-brown sandy loam on plain. E. argentea + other trees Genus nov 80 sp. 2, Tolgadia sp. Peakesia sp. 11. to 40ft; Bauhinia sp. to 30ft. Dense grass, mainly Aristida to 3ft, patches of Bauhinia regrowth + forbs under trees.

12996 Loose swarm of Gastr.
997 Flat w. a broad-leafed paper-
bark to 10ft & a Pleuridaceous
Peakesia sp 11.
wattle to 15ft., with regrowth
floor. Ouse pasco 1-3ft.
13004 Gillott River crossing.
13010 Stony ridge w. E. erythro-
callitala sp. 66; Macrozelota sp. 2; Genus nov 13 sp. 2;
phlora & Archaeotypha to
Hapsarana sp 1; Macrocara conglobata, Genicaea sp.
3ft with a Pleuridaceous wattle
Peakesia sp. 11.
to 12ft & Casuarina sieberiana
to 10ft. Various shrubs to 6ft.
feeding
Callitalas/on regrowth & one
of these (or small to Stride) (opp.)
13029 Stony ridge with Eucalyptus
Genus nov 13 sp. 2, Callitala sp., Corynhustes sp. 1
(C) Loc. to 20ft & sparse Tri-
Macrotona sp. 21, Tolgadea sp., Adlappa erythropteva, Calaptilla
leading down to Argentea &
rubripes, Peakesia sp. 11, Genus nov 89 sp 2, Eucphustes sp. 2.
melanophora on stony flat
with dense grass to 3ft, mainly
Aristida. Corynhustes on trunks
of Eucalyptus.
13041 Gently undulating.
Macrocara conglobata, Eucphustes sp 2, Adlappa ery-
Pale brown sandy loam. Eucalyptus argutus
throptera, Macrozelota sp. 2, Callitala sp. P. 66; C. sp. P. 144,
to 15ft w. a dense stony plain

wattle to 20ft & Eucalypts
Grass to 2ft, largely Dichondra
Occ. small shrubs. Plain
Morabine apparently on grass,
other on ~~Melaleuca~~ regrowth of
a stony Tea tree thickets acacia.
Goniaea sp, Euophrys sp. 2, Calopteilla rubripes,
1305 0 Flat pale brown soil.
Macrotona sp. 21, M. sp. 8, Acrida conica, Genus nov 30 sp 2,
Eargenta copperee to 12ft, &
Peakesia sp 11, Tolgadea sp, Callitala sp. P59, Heteroptemis
Melaleuca 921 + a short
obscurella.
to 2ft (-pce). Callibaris on bin.
054 ~~Tea~~ Croydon
Mayrocara conglobata, Peakesia sp. 11, P. nana,
063 Thicket of Melaleuca 921 &
Gastrimargus musicus, Acrida conica, Tolgadea sp.
other small trees + shrubs to
Genus nov 62 sp 1,
10-12ft. Sparse grass except
along clears margin of road.
Pale grey silty soil. Flat.
9/4
074 Flat brown soil with ½ in
Gastrimargus musicus, Euophrys sp 2, Peakesia
laterite pebbles & stones
nana, P. sp. 11, Heteroptemis obscurella ff), Genus nov 62
Melaleuca 921 & other
creek.
sp 1, Macrotona sp. 8, Genus nov 13 sp. 2, Morabe sp. P96.
Trees to 15ft. Grass to 18 in,
some bare patches. Morabine
on grass.
080 Flat plain. Pale grey sandy

loam. A rough-barked bloodwood
Callitala sp P96, Genus nov 13 sp 2, Genus nov 62 sp 1,
with slender green leaves to
Heteroptemis obscurella, Macrozamia complobata,
soft woolly spaced, broad-
Gastrolobium arguis muricus, Calopsilla rubripes, Macrotona
leafed Melaleuca rather small
sp. 8, M. sp. 21, Peakesia nana.
trees to 15ft, mixed-leafed
phyllode wattle to 8ft. Dense
grass to 3ft, some lower
Tetraplasandra sp.
patches.
Genus nov 62 sp. 1, Peakesia sp. 11, P. nana, Tolpadia
1309b Hab. flat, with pale grey
sp. 1 Macrozamia complobata, Gastrolobium arguis muricus,
sandy-loam. Rough-barked
Grevillea migratoria, Calopsilla rubripes, Macrotona sp 21,
bloodwood to 30ft, Melaleuca
Genus nov 13 sp 2, Morabea sp P. 96.
921 rather small trees to
20ft. Patches "lantana shrub"
formed earlier. Grasses mainly
dense to 3ft. Morabea on gran.
102 Loose stones of Gneiss.
104-5 loose stones "
106 Hab. gila-terrace. A
Eucalyptus sp 2, Peakesia sp 11, Genus nov 62 sp 1,
Bauhinia- & Terminalia-leafed
Gastrolobium muricus, Austrocedrus tricolor, Genus nov
? bloodwood, ~~&~~ Bauhinia sp.
13 sp. 2.
Melaleuca 921, rather small
trees, all to 20ft. Various shrubs
numerous to 4ft. Grasses to

2ft, mainly dense, some
bare patches. Loose surface
Gravel.

117 Rough-barked bloodwood, Genus nov 13 sp. 2, Morabo sp. P96(?)(f), Callitala sp P59, Gastrolobium muricatum, Macrotona sp 21, Broad-leafed Melaleuca, Melaleuca Macrocarpa conglobata, Calophylla nubripes, Genus nov 62 sp. 1, Peltaria nana. Leafless Wattle + other trees all to 25ft. Trees to 2ft. mostly dense. Some shrubby growth to 4ft.

128 Soil + physiography as before Genus nov 13 sp 2, Peltaria sp. 11, Pomona, Macrocarpa conglobata, Morabo sp. P96, Calophylla nubripes, Genus nov 62 sp. 1, Callitala sp. P59. Broad-leafed Melaleuca + other small trees to 2ft. Trees to 2ft. occ. Grevillea Stenobotrya Wattle. Callitalas except from this.

138 Eucalyptus gittulosa, Goniaga spp (2), Tolpadea sp, Broad-leafed Melaleuca + Genus nov 77 sp. 1, Callitala sp. P66, Macrotona sp. 13. Glaucous-leafed Wattle to 10ft as shrub to 6ft + Triodia sp + grass. Zamia on Wattle Verge of Norman River.

138 Norman River crossing. Goniaga sp, Corypha utan, Genus nov. 77 sp. 1, 148. Rise to Laterite Gravel. Peltaria nana, Callitala sp. P66, Morabo sp. P96(?)(?) Brown sandy soil. Melaleuca

Sp. (shrubby) to 8ft. pleo mud regrowth to 3ft. Trodia sp. to 1ft. Corymbia on Melaleuca, Callitris on regrowth.

13153 Normanton. Gastr.

156 10/4 Leave Normanton back on Croydon road.

Aerida conica, Idefalicus gracilis, Gonioaea sp., Austracris guttulosa, Genus nov 77 sp. 1, Chortoicetes terminifera, Gastrimargus musicus, Adlappa erythroptera, Macrozlota ennia, Genus nov 13 sp. 2, Caloptilla nebripes, Macrocara fenglobata, Peakesia nana, Macrotona sp. 13, Stenocatantops splendens, Petrochtenis obscurella, Ablepta rufescens.

159 Low terrace country high level plain some 30ft below, Lakenba gravel & stone covered surface mallee to 10ft, with a few shrubs of Pluchea acacia & Dodonaea sp. to 8ft. Ground layer of many Trodia sp. & some Triodia softer Trodia & other grasses on higher plain.

162 Normanton. North to Karumba

174 Flat plain w. pale grey silty soil. Melaleuca sp., ribes, eucs bloodwood & other trees to 12ft widely spaced.

Peakesia nana, Tolgadia sp. Macrotoma sp 21, Bermuella
south zone regrowth. Coarse
acuta.
brassock grasses mainly to
C. 9 in. A. guttulosa, Gastr
13182 river crossing. Turn left
for Karumba.

185 Macrocarpa conglobata, Austrocistes tricolor, Tolgadia
sp. Acrida conica, Coryphistes ericola, Gastrimargus
E. argentea & a few other
musicus, Bermuella acuta, Gonjaea sp, Austraeris guttulosa,
small trees on flat pale brown
Peakesia sp 11, P. nana, Chortoicetes terminifera, Genus nov 13
silty soil adjacent to watercourse
sp 2, Bermius curvicercus.
Sparse grasses, mainly to ca.
1 ft. mainly dry.
209 Karumba Lodge.
210 Stenocatantops angustifrons, Macrotoppholus sp.
Caledia captiva, Macrocarra conglobata, Tolgadia sp.,
dark E. pisellaris tussocks
Adlappa erythrophera, Valanga irregularis, Austraeris guttulosa,
clumps 1 ft grass forbs to
Gastrimargus musicus, Bermuella acuta
3 ft. Acrida

210 Karumba: return
217 Grasslands w various grasses
to 3 ft on pale grey silty plain
Peakesia nana
fringing a low rise etc.
Erythrinia sp. & other low herbs.
Gastr., Acrida, A. gutt.
224 Salicornia flat on heller

Gastrimargus musicus.
plain, with edge of encircling
dam Grasslands. Whitish silty
soil, cracked surface. 2-3
spp. of ?Salicornia. Chok
Tolgadia sp., T. tortilis, Acrida conica, Hefalteas
229 Farland on a grey self-
gracilis, Peakesia nana, Austracris guttulosa.
mudding soil forming cracks-
hole. Thinly grass related
grasses & sedges 1-3 ft. Chok.
2/31 Camp site. Catch at light
Pardillana sp. 2, Corphustes muricola, Austroicetes tricolor,
on plain & adjacent to 40 ft to a
Gonidea spp(2), Chortoicetes terminifera, Gastrimargus
less other tree to 20 ft on pale
musicus,
grey salty soil of plain
bordering a watercourse.
Rather sparse grass pasture to
1 ft w. bare ground.

11/4
237 2 miles (Maggieville). Took road to
~~Va~~ Della Downs

Acrida conica, Austracris guttulosa, Gastrimargus musicus
247. Plain to hilly grey-brown
Eucphustes sp. 2, Peakesia sp. 11, P. nana, Stenocatantops
soil, a little laterite gravel.
ritripennis, Calopteilla rubripes, Gonidea sp., Tolgadia sp.,
T. agarita less. dull (green
Merabia sp. Pg6.
leaf) to 40 ft w dense grass to
2 ft & occ. small shrubs to 3 ft

Tolgadia sp, T. tortilis, Genus nov 13 sp 2, Shorticetes
256 Heavy soil plain with
terminifera, Gastromarqus musicus, Gyrinaea sp., Austracris
dense grass to edges to 2 ft.
guttulosa, Acrida conica, Kpalicus gracilis, Peakesia nana,
spaced aflorescences to 6 ft.
fringes by well spaced E.
argentea to 35 ft.
269 = 269 Turns right for Lotus
Vale.
Tolgadia sp, Austracris sp., A. guttulosa, Acrida conica,
270 Plain on pale brown sandy
Gyrinaea sp., Gastrimarqus musicus, Peakesia sp. 11.
loam. E. tessellata, E. dichroma
Phloia, & a rough-barked bloodwood, all to 50 ft, with dense
grass to 4 ft. P. ornatus.
276 Lotus Vale.
Gyrinaea sp, Macrotona conglobata, Stenocatantops vitripennis
291 Rough-barked woodland,
Peakesia sp. 11, P. nana, Adlappa erythroptera, Tolgadia sp.,
Eucalyptus phloia, erythrophloia
Pygnosticetus serratus, Macrotona sp. 8.
E. tessellaris to 30 ft. mally
trees. trees & forbs & patchy
height from 3 ft to bare ground.
Gastr, Acrida, A. gutt

304 Sterling HS
Gonipea sp.; Peakesia sp. 11, Tolgadia tortilis,
312 Plain on pale grey sandy
Pygnosticetus serratus, Adlappa erythroptera, Acrida conica,
silver-leaved ironbarks, Eucalyptus
Gastrimargus musicus, Austracris guttulosa, Morabe sp
hot dark woodland, fruit tree
P46 (?), Stenocatantops vitripennis, S. sp 1., Macrotona sp. 21
Heteropternis obscurella, Austroicetes tricolor, Genus nov 13 sp 2.

melaleuca plutonia, & a grassile-leaved half-bark bloodwood, both to 20–30 ft. Grasses 1–4 ft, dense, occ. shrubs to 6 ft.

316 Dense cover of shrubs

328 Widely spaced argentea
Hepaticus gracilis, Pealesia nana, Austrogaleus tricolor,
grass dwarf to 30 cm, occ. dense
Goniaea sp., Acrida conica, Gastrimargus musicus,
grasses to 15 cm on pale sandy
Tolgadia sp., T. tortilis, Froggattina australis,
loam plain. Lomatia ostrinf
on banks of argentea in
numbers (12 visible on one
side of one one up to 10 ft).

A gutt.

361 Nonnaton.

370 = 159

12/4

377 Nonnaton

393 Gently undulating ec.
Macrotona sp. 8. M sp 21, Adlappa erythroptera, Goniaea sp.
pale grey soil & laterite gravel,
Macrozelota cerripes, Pealesia nana, Gastrimargus musicus,
Leaning L. papuana V a couple
Austracris basalis, A. gutulosa, Genus nov 13 sp. 2:
of other emerg to 3 m, small
Morabo sp. P96(?)
trees & shrubs to 8 ft. Sparse
grasses to 1 ft. drop off

407 Strongly self-mulched dark grey high-level plain, which at this point has a small patch of stunted whitewood(C.). Flinders grass to 2ft, other grasses to 6ft in patches, some forbs to 7ft, occ. forbs. A. gutt. numerous.
Austraeris gattifera, Hepaliceus graciles, Chorizeses semitibialis, Tetragonia fera, Yorkapta semitibialis, Tolgadea sp.

417 Flinders R. crossing
Hepaliceus graciles, Tolgadea sp., Yorkapta semitibialis

422 Strongly self-mulched dark grey high-level plain, with a belt of scattered agaetea to 15ft & occ. smaller trees. Flinders & mitchell grass to 2ft with occ. higher plants as at 407. A gutt.

447 A rocky outcropping hill leading down on to the edge of the self-mulched plain. Plain with mitchell & flinders grasses sparse to 1ft. soil overlain by sand & gravel from hill. Some flecks o
Peakesia nana, P. triopennis, Cephantas quadrilobus, Gastromargus musicus, Maeropelota cenena, Goniaea sp, Yorkapta ~~semitibialis~~, striata, Tolgadea sp., Genus nov 77 sp 1, Hepaliceus gracilis, Genus nov 12 sp 2, Microtes sp. 2.

plain as at previous stops.
Hill practically without soil,
bearing well-spaced smooth-
barked E. drepanophylla with small pale
green blades to 20ft and a
soft-leafed Triodia to 9in.
Agath. in plain.
456 Highest up the same hill.
E. drepanophylla to 20ft + a phyllode
green wattle to 10ft. Callitaxis
on hill (regrowth). Triodia +
Aristida sp. also present;
slender moraine on Aristida.
~~#13/4~~
456 Back-backed c. 1 mile
457 = 455. Silver-leafed "bloodwood",
E. papuana to 20ft + narrow-
leafed Melaleuca to 15ft on
gently undulating country.
Pale brown soil, lateritic
gravel. Various shrubs to
3ft, incl. a sprawling small-
leafed acacia to 1ft. Grass

Callitaxis sp. P 77; Moraba sp (cum sp)
Austraeris q. Hulosa, Adelphopsychoptera,
Microtoma sp. 13, Pentesia nana.

to 2ft, w. patches of rigid Triodia to 9in.

13468 Gradual fall. Brown soil overlain with dense purple laterite gravel + stone. Gidgee leading to breweria on rise. Sparse grasses to 9in under gidgee, rigid Triodia to 9in under breweria. ~~No Adriffes~~ Adriffes on gidgee.

469 Down to Hill to 15ft 3 mi.

472 Plain w. self-mulching brown soil having mixed semi-tribales, Lagonia sp.1, Austrodanthonia pilosa: + flinders grass to 1ft + fringed by Atalaya hemiglauca to 12ft. Acacia sp.

487 Turn-off to Cowan Downs

488 Rise with brown sandy loam + sparse laterite gravel Acacia sp. 8, Callitris sp. P96.

Genus nov 77 sp. 1, Peakesia nana, Adriffes anteriores, Goniaea sp.

Genus nov 30 sp 3, Hepaliche gracilis, Amphipta semitribalis, Lagonia sp. 1, Austrodanthonia pilosa:

Gastrimargus musicus, Austrodanthonia pilosa, Acacia sp. 8, Callitris sp. P96.

Hemida conica, Ephanthus quadrilobus, Genus nov 12 sp 2, Peakesia nana, P. vitripennis?, Macrozelota cervina, Macrotona sp. 8, Callitris sp., Morabe sp. P96.

Grass + woodland, desert oak + a variety of small trees + shrubs 1ft to 2ft. + regrowth.

rigid Triodia, 6ok to 18in.

+99 Sandy undulating brown
Calothilla rubripes, Goniacea sp, Gastrinargus musicus,
sandy loam as at 11 a little
Macrozelota cervina, Macrotona sp 8, M. sp. 13, Morabea
gravel. 3 spp. Myrtle acacias
sp Pg6(?)(j); Callitola sa,
broad- narrow leafed Melaleuca
all to 10ft with regrowth, a
few slightly higher widely spaced
ones, a Grevillea to 2ft. Rigid
Triodia to 1ft in very little
gaps. Some bare patches.
Callitalois or narrow-leafed
Melaleuca. Morabea or Triodia.

510 Turn-off to Lorung

511 Rise with brown stony
Buforania sp (j) Pealeria vitripennis, Calothilla rubripes,
soil. Broad-leafed to 30ft on
Perbellia picta, Macrocara conglobata, Macrozelota cervina,
upper part, leading to broad-
Eephantus quadrilobus, Tolgadia sp, Macrotona sp 13,
narrow-leafed Melaleuca in
Erythrophlaena ~~amara~~ amoena
small patch to 10ft. Silvery myrtle
acacia to 3ft in clumps.
Rigid Triodia to 9in. Gastr,
A. gutturosa, Acrida, Heteropt.

522 R. Flat. Brown sandy
Gastrinargus musicus Calothilla rubripes, Macrocara
modest to Centre Gravel
conglobata, Macrozelota cervina, Azelota sp. 1, Genus nov 12
sp 2, Pealesia vitripennis, Lumbelvia sp 8, Macrotona sp. 8,

Austraeris gattulosa, Genus nov. 60 sp.!, Callitaleaceae,
E. stricta + E. prunosa (? is flat
the glaucous-leaved "Woodwood")
to 10ft, av. 3 phyllodia acacias
to 8, 5, + 2 ft resp., the last
very sprawling; with callitaleaceae
on it (spec.) - Triodia dense
to 1ft.

536 Gently undulating. Brown
Austraeris gattulosa, Peaksea intripennis,
loamy soil w. purple subsoil
Morabea sp P9 2(?)
gravel. Ridges clumps to 20 ft.
Clumps of grass, with a curly-
leafed Aristida + flinders grass,
in level spots, w. bare patches.
Morabea on Aristida

547 Hilly summit. Red brown
Genusea spp (2), Austraeris gattulosa, Peaksea intripennis,
sandy soil with decomposed
Abbetia inflexicaulis, Azelota sp1, Maeraxelotes cervinoi,
gravel + stone. E. prunosa
Hyenostic seratus, Genus nov 60 sp 1, Callitaleaceae.
to 12ft, 2 spp. acacias to 6 ft,
Triodia to 9in, some bare
ground. Callitaleaceae on acacia
(spec)

548 Return

550 = 547 Took duplicates

through Carnarvon Sta.

565 Back on main road.

14/4

13565 Eriachne quadriseta, Lagoonia sp 1, Yakirra sp 1, Plain w heavy self-mulching grey-brown soil with some semitriulfo, Genus nov 80 sp 3, Callitris sp P145 surface stone. Widely spaced Atalaya to 20ft. Mitchell + flinders grasses + Aristida to 18in, w. a labiate (spec) locally frequent & some other forbs, eg. Sida sp. Morabine on labiate. A. gutt., Yastr.

572 Back-track ½ mi. + dedicate.

574 Back on main road

577 Turn-off to Monstraven.

582 Plain w self-mulch grey-brown soil, some surface stone. Flinders Austrodanthonia gutturosa & mitchell grass to 1ft, Aristida sp to 2ft., occ. Sida + other forbs. Very widely spaced shrubs to 4ft + Atalaya to 20ft.

593. Hollows with somewhat self mulching grey-brown soil

Gastromarqus musicus, Austraceris gattulosa.
with stone, almost bare, heavy
Jorhapta semitibialis, Tolgadeia sp., Peakesia vitripennis,
ridge, leading up to edge of grassland
Hepalicus gracilis, Macrozelota cervina; Callitala isa.
N. Mitchell grass + Aristida sp.;
+ occ. Sida sp. + the same labiate
as 565. Callitaloid on labiate.
608 Cloncurry River crossing
Rempus odontoceros, Tolgadeia spp (2), Austraceris
gattulosa, Acenda concisa, Jorhapta semitibialis, Goniaea
Sandy shore (Sphingontus)
spp (2), Peakesia vitripennis, Lagoonia sp (1), Pardillana sp 2,
leading through coarse grass to
Genus nov 13, sp 2, Adelopus ramulus, Sphingopeaka erythrop-
ft to large E. camaldulensis
terus, Austroicetes tricolor, Paratettix nigrescens.
+ them to argentea to 25 ft. Some
large shrubs + Pardillana on
trunks of argentea. Old
612 Depression with cracked +
Austraceris gattulosa, Gastromarqus musicus,
compacted soil bearing Chenopodium auricomum (?) (open)
to 4 ft, w. edges + forb. rather
open to 2 ft. Many of the mauve-
legged species in cop. The more
dispersed parts had only thin
open + A gattulosa
628 Grasslands N Mitchell, Flinders
Jorhapta semitibialis, Gastromarqus musicus, Peakesia
vitripennis, Tolgadeia sp., Genus nov 30 sp 3, Jorhapta sp 3,
Lagoonia sp 1, Hepalicus gracilis, Shortacales tempus fera
Mitchell, on strongly calc-

mulching grey soil plain, gate
heleop.
643 Strojis glaucescens, Lagoonia sp 1, Peakesia
vetripennis; Forhapta semitibrales; Austroecetes tricolor.
Slight rise in plain. Heavy but
compact grey-brown soil with
abundant gravel. Grass to
9in in patches, with bare
658 Forhapta semitibrales, Genus nov 80 sp. 3, Lagoona sp 1
ground between. A. gutt.
673 Julia Creek.
674 Julia Creek Depot.
15/4
678 Austracris guttulosa, Lagoonia sp 1, Forhapta
semitibrales, Genus nov 80 sp 3.
Self-mulching brown soil
plain. Mitchell & flinders grass
to 1ft, w. some forbs.
688 Shallow creek in plain.
Lagoonia sp. 1, Monostira pustulifera, Acrida
Heavy grey-brown soil. E. coola-
buntamurra, B. brachycercus, Genus nov 80 sp 3, sp.
bah to 15ft. w. [illegible]
Forhapta semitibrales, Austracris guttulosa, Pardillana sp 1,
& same height. Acacia cassia-
Adroplus integrifolius, Tolgadia sp., Peakesia vetripennis.
like prickly shrubs to 10ft. Sedge
& grasses to 1ft. Oxyrine on Eremophila
Plume. Monostira on [illegible]
Pardillana on coolabah. Gastr
698 Self-mulching grey-brown
plain w. Mitchell & flinders
Forhapta semitibrales, Genus nov 80 sp 3, Austracris
guttulosa, Lagoonia sp 1, Forhapta sp 3, Austroecetes
tricolor

Aidopus tamulus.
grass to 1ft. Patches of compact
soil with stones. Chalk.

709 Slightly undulating. Dell-
Austrocera gutulosa, Tolgadia sp., Trichasta semifibrata,
mulching open soil with
Lagoonia sp 1, Genus nov 80 sp 3, Pearsonia vitrispennis.
Stone small rises with broken
stone to 5in. & compact soil.
Also a small creek lined by
Acacia victoriae & sedges.
Pearsonia (small) on rises.
Tolgadia = along creek.

720. Acrotriche conica, Leptospermum sp 2, Tolgadia sp. Genus
nov 80 sp. 2 & Gastrolobium muricatum, Austrocallitris Preissii,
Loam heavy with stones,
Austrocera gutulosa, Pearsonia vitrispennis
incl. Stipa sp 1 ft. Grasses,
incl. Ulungra & Arishida to
18in & Dactyloctenium.

730 Pearsonia vitrispennis, Conyphoptera rosacea, Adreptus
Ridge to 20ft on brown
Austrocera gutulosa, Genus nov 80 sp. 2, Morelia sp "a" (cum sp)
sandy loam with occ. pebble
Flat. Thryptomene sp. to 1ft under
Callitris isaa
trees. Conyphoptera & Adreptus
on knolls. Valanga irregularis. Also
E.? erythropelma to 2ft &
Banksia sp. to 15ft & a patch
of emu-apple. Sparse grass

incl. mitchell gras. Goniaea
under trees. Acacia, Eucalyptus.

730 Mulhanna R
Xerhapsta semitrialis, Lagonia sp1, Lyenus nov 80 sp 3,

733 brown stony self-mulching
Chortoicetes terminifera, Strophis nigrovittellina
plain w. mitchell grass to 1ft.
Eucalyptus, A. gatt.

743 Undulating country with
Austracris guttulosa, Gastrimargus musicus, Xerhapsta
grey-brown self-mulching patches
semitrialis, Lyenus nov 80 sp 3, Chortoicetes terminifera.
alternating with more compact
bare stony patches. Forest ex.
mitchell grass, latter ex. grey-
& Bauhinia to 12ft & scattered
shrubs.

746 Massive rocky outcrop of
Heteropternis obscurella, Goniaea sp?, Lyenus fictus serialis,
Perbellia picta, Macrozelota carvena, Leakiena vitripennis,
red-brown soil ex. Eucalyptus
Macrocara conglobata, Austracris guttulosa, Gastrimargus musicus,
sandy loam with stones.
Coryphistes rupicola, Macrotona sp. 8.
E. erythrophlaea & E. papuana
to 40ft, w. V. occ. smaller
trees. Very sparse bi-
1ft, occ. small Triodia.

751 Rocky hill ex red-brown
Euphyllura sp. 2, Strophis nigrovittellina, Peakiesia sp 7.
P. vitripennis, Macrolobata striata, Macrozelota carvena,
sandy loam. Low mallee-form
Elepsydria sp1, Desertarma sp 4, Macrotona sp 8, M. sp 4,
Eucalyptus to 10ft. ex. Acacia
Callitaris rhomboidea

ss. curly bark to 8ft & a silvery
ovate-lobes Acacia (spec.) to
2ft. Triodia to 1ft Calitaloïs
or Acacia. Erythroponala,
A. gutt.
1356 Peakesia vetripennis, Austracris guttulosa, Perbellia
picta, Macrozelota cervina, Macrocera conglobata.
hill. Red-brown sandy soil
ss. much small stone.
Vastr. Grasses rfsh. to bin.
764. Clonagh.
1764
780 Clonagh depast
777 Cl[illegible] Rivr.
Peakesia vetripennis, Clepsydra sp1, Genus nov 12 (?) sp.2,
787 Rocky stony quartzite (?)
Macrocera conglobata, Macrotona sp 8, M. sp. 28, Pycnoptelus
roe 10. E. grandis to 12ft.
penatus, Genus sp, Macrozelota cervina, Austracris guttulosa
Curly acacia to 5ft. rubiaceae
open Triodia to 9in. Grastr.
790 Clonagh turn-off.
Genus sp, Macrocera conglobata, Macrotona sp. 28, M sp 8,
802 Strongly self-mulching
Trichaptila semitibralis, Macrotona sp 3, Peakesia vetripennis,
small chocolate brown ss
Macrozelota cervina, Perbellia picta, Sumbelura sp 8, Stropio
mitchell & other grasses rfsh to
nigroventella, Genus nov 12(?) sp 2, Short curly tenuifer,
2ft. Grastr. Trees by Canfield
Genus nov 77 sp 1, Peakesia sp 7.
red brown sandy loam ss light
stone bearing ridge to 15ft &

some
shrubs to 5 ft.

806 Coolla R.

811 Quarry turn-off.

813 Kajabbi turn-off.

813 Pearsonia vitripennis, P. sp 7, Clepsydrea sp 1, Strophis
meprovitellina, Macrotona sp. 4, Hasparana sp. 1, Genus nov 13
& adjacent brown sandy soil
sp. 2, Macrocera conglobata, Macrolobalea striata, Euophistes
the rocks very dark brown.
sp. 2, Aenetus cornica.

L. argentea (?) to 12 ft, occ.
kurrajong & other trees. Spare
grass & forbs, occ. shrubs to 3 ft.
Cracks. A. gutt.

824 Plain w strongly self-mulch
Euophistes sp 2, Typhantus quadrilobus, Austrogris
gilva soil bearing mitchell &
Flinders grass to 1 ft & forbs to
9 in. Has adjacent brown loam
with stones, bearing prickly
shrubs to 3 ft. Euophrota, on
shrubs.

827 Turn-off to Buffalo Plains

833. Granada

835 Dugald R.

Genus nov 80 sp 2, Gastrimargus musicus, Peakesia
842 Stony rise to red brown
vitripennis, Euophistes sp 2, Pycnoptictus senatus,
sandy loam. E. formosa to
Calopteilla rubripes, Perbellia picta, Ablechia rufescens,

Austracris guttulosa, Strepsis mesovitellina,
15ft. ev. Ceylon - bushes acacia
Gonaea sp, Callitala ssa.
to 5ft - prickly shrub to same
(spec. of both). Callitaloid on
both. Grasses + Triodia to 1ft.
8 49 Donaldson. Turn off to
Nomanton.
856 Flat. Red-brown sandy loam.
Gonaea sp, Austracris guttulosa, Peakesia bitripennis,
E. pruinosa occ. erythrolaena
P. nana (?), Tephantus quadrilobus, Globaba sp 1 (?)
& Papuana to 2ft, shrubs
Callitala ssa.
to 6ft scattered, mainly a broad
glaucous phyllode acacia.
Grasses to 2ft, some soft
Triodia. Callitaloid on acacia,
other noxious on grass.
864 Coolullah turn-off.
874 Flat brown sandy loam.
Gastrimargus musaea, Gonaea sp, Peakesia bitripennis,
E. erythrolaena occ. to 4ft.
Genus nov 13 sp 2, Austracris guttulosa, Strepsis mesovitellina,
E. pruinosa to 15ft, occ. Paulinia
Machazelota cavernosa, Tephantus quadrilobus.
to same. Grasses incl. Aristida
sp. to 3ft, numerous forbs
incl. "lupin", other legumes,
& Sida. &

17/4 Corybas hispidus, Adlaffia erythrostera, Burnettia sp.
13884 Red-brown sand rising
from creek to low ridge with
pale stone small rocks.
Eucalyptus Baeckea sp. to 15ft
ea. Acacia victoriae to 8ft.
Various forbs to 2ft & coarse
grasses. Burnettia among
stones.

901 Kanilaroo Hill
Gastrodia sesamoides, G. sp. 1, Austrocaulis gutturosa,
Dark grey shoughy self-mulching
cracking clay. Mitchell &
Flinders grasses & forbs to 1ft.

911 Myalla turn-off
Pterostylis vittata, Genoplesium sp. 2,
917 Flat with fine brown
Austrocaulis gutturosa, Gastrodia sesamoides.
sandy loam. E. procera &
erythrophloia to 20ft. ea.
grasses 1-2ft, "lupin" abundant
Salsola Kali. Acacia.

925 Road junction

~~927 Loxiraae Tam Iff~~
Pardalotus sp. 2, Austrocaulis gutturosa, Gastrodia
929 Depression subject to
sesamoides, Pterostylis vittata
flooding. E. argutifolia to 40ft

w. grasses to 2ft. Acacia
930 Lorraine run-off
942 Hyphaene guineensis, Borassus aethiopum
Strongly self-mulching grey
plain w. nutgrass & blue grass
to 2ft. occ. forbs, & occ. E.
argentea to 15ft or another
small tree to 10ft. A. gutt, Gastr
954 Off track: burned round
962 = 946
970 Off track: burned round.
994 = 935
14003 Naaldoo run-off
14006 Gonioma sp, Bermuda brachycarpa Setaria
Dry swamp w a leguminous
herb to 2ft. heavily grazed, burned
by E. argentea to 40ft, with
prickly shrub to 3ft & a small
tree layer. Gastr, Acacia, A. gutt,
Diospyros.
024 Pale brown fine sandy loam
Gonioma sp, Gonioma sp 4.
fringing Creek w. E. papuana to 50ft
argentea to 40ft, occ. small
tree to 15ft. Grasses to 2ft, with
regrowth of trees. A. gutt.

026 Augustus Downs 145.

033 - Leichhardt R. crossing.

035 = 034

036 Shallow watercourse in Grassland. E. argentea to 25ft w. grasses & forbs dense to 2ft. Acacia, A. gutt.
Yorhaptra semitibialis, Acolopus tamulus, Tolgadia sp., Gastrimargus musicus.

053 Jnct. Normanton-Burketown road.

18/4

056 = 054. Grey strongly self-mulch ing plain. Jungle with Atalaya to 20ft. Bipchell & flinders grasses & forbs to 1ft. Eucal.
Tolgadia sp., Yorhaptra semitibialis, Acacia conica, Austracris guttulosa, Gastrimargus musicus, Yorhaptra semitibialis, Tolgadia sp.

066. Grey strongly self-mulching plain, w. grasses to 2ft, incl. Aristida sp. & some flinders, and a coarse species to 8ft. Some forbs to 1ft. Austr. gutt.

079 Small creek w. pale brown fine sandy loam soil. E. argentea & other small trees 15-30ft. Grasses to 2ft & bare
Petalura nana, Acolopus tamulus, Austracris guttulosa, Gastrimargus musicus, Coryphistes ruricola

ground.
098 Albert R. crossing.
100 [redacted] Birkebourn
101 Plain w. sl. self-mulching
Austraeris gelidula, Gastromargles musicus, Hepalicus
grey-brown soil w. compact gracilis, Tolgadeis sp.
patches. Aristida sp. to 2ft w.
occ. other grasses & forbs to 1ft.
Gastr. very numerous.
Granite Creek.
117 Creek fringed by E. papuana
Gonioea sp., Acacia conica, Eucalyptus sp.?, Petalosia
+ argentea to 50 ft w a silver-
vitriformis(?) Xenosticus serratus.
phyllode acacia & other shrubs
to 10ft w. regrowth. Grasses to
2ft. Valanga irregularis, A. gutt,
Stenocatantops angustifrons.
131 Strongly self-mulching grey
Austraeris gelidula, Yorkaptera semitibialis, Tolgadeis sp.
soil plain w. flooded [illegible]
grasses & forbs to 1ft, abundant
A. victoriae, & clumps of E.
argentea & another tree to 17ft.
Gastr.
Gonioea sp., Tolgadeis sp., Yorkaptera semitibialis,
1461 Margin of creek in grasslands
Acacia conica, Acalyptus ramulus
E. argentea to 30ft. Grasses &
forbs to 1ft. Gastr. A. gutt.

151 Alluv R. crossing.

160 ~~Alluv~~ R. Steep banks with Melaleuca sp. + Ficus sp. to 60ft, Pandanus sp. + a palm, frigel by E. papuana + argentea to 50ft., W. A. victoriae to 60ft. Grass amongst fringing vegetation (where also the only grass tussocks seen).
Pteridium esculentum

164 Flood Downs

171 Plain w. pale brown fine sandy loam w. Eriachne, Triodia to 25ft + Panicum sp. to 2ft. Prickly shrubs abundant to 5ft. Open short grass, much bare ground.
Caloptilla rubripes, Dedalus australis, Euphaestes sp. 2, Gastrimargus musicus, Rhoscietes termuliger, Acrida conica, Austroicetes tricolor, Peakesia vitripennis

176 Gregory Downs

185 Self-mulching grey to sandy clay compact pale grey soil w. small plants w. Aristida sp., Eragrostis, &c. Planted grass to 2ft, rare, occ. Acacia to 10ft.
Caloptilla rubripes, Gastrimargus musicus, Ephippitytha semifibralis, Ephemerus quadrilobus, Peakesia vitripennis, Hepalicus fragilis, Tolgadia sp, Austroicetes, Gastrimargus musicus, Acrida conica, Hieroglyphus, &c. Planted Morabe sp P91(R).

Strophis nigrovitellina, Gonioea sp., Macrocara,
14194 Rocky outcrop & adjacent
conglobata, Macrotona sp 8, Clepsydra sp 1,
red-brown sand slopes. Upper
Austraceris guttulosa, Peakesia vetripennis, P. sp 7, Genus
stone strewn with rough-
nov 80 sp 2, Ephantis quadrilobus.
edged stone; massive rock
(dark brown) at top. E. erythro-
phloia & prominent to 20 ft, occ.
papuana to same. Occ. clumps
of silvery phyllode acacia &
prickly shrub. Spare grass &
forbs to 1 ft. Aerida.
Asorameus erythrophleva, Gonioea sp., Eucophustes sp 2, Peakesia
14202 Camp. Collect at light over
vetripennis, Pycnostictus seriatus, Paratettix nigrescens
19/4.
203=201 Strongly self-mulching
Gastrimargus musicus, Austraceris guttulosa, Aerida cinerea,
grey plains w. surface stone
Gothapta semitrivialis.
& somewhat compact patches.
Sparse mid. flinders & Triodia
sp. to 1-2 ft. some low forbs.
Happarena sp. 4, H. sp. 1, Peakesia sp. 1, P. vetripennis.
216 Rocky stony hillside w. brown
Clepsydra sp 1, Gastrimargus musicus, Genus nov 12(?) sp. 2,
sandy soil & adjacent flat. E.
Macrotona sp. 4, M. sp 6, M. sp. 28, Eucophustes sp. 2, Pardillana sp. 13,
brunfolia on hill, leading to
Cepraseula sp. 4, Coryphistes ruricola, Gonioea sp. Macrocalota
argentea on flat. Occ. Erythro-
cerrbia & prominens, Genus nov. 77 sp. 1, Ephantis quadrilobus
phloia. A non-rigid rudra to
Austraceris guttulosa.
9m & sparse grasses to 1 ft, occ.

forbs, incl. Sida sp. + prickly shrub to 4ft.

Psaltesia vitripennis, Eucalyptus sp.2, Goniaea sp.

1422 Flat w. sandy brown soil Austracris guttulosa, A. basalis, Acrida conica, Gastrimargus E. argentea + caruncle to musicus, Macrocara conglobata, Callitala sp., Macrotona sp. 4. 40ft, w. curly acacia to 6ft + Eucalyptus quadrilobas, Paratettix nigrescens, Maraba sp (new sp.) regrowth. Grass to 18in + forbs. Callitaloid on acacia. Maraba on grass.

Erythrotmiala amoena, Callitala sp., Macrotona sp. 6.

238 Rise in undulating stony M. sp. 8, M. sp 27, Macrozoleta cervena, Gastrimargus musicus, country. Porous sandy loam. E. Psaltesia vitripennis, Genus nov 12(?) sp 2, Goniaea sp., Genus brunfolia to 20ft w. scattered nov 77 sp. 1. acacia spp. to 4ft. Rigid glaucous Trodia sp. non-rigid glaucous prickly species. Callitaloid on acacia.

A. gully.

244 Creek crossing (? tributary of O'Shanassy R.)

248 Gentle slope, with slight Clepsydrna sp. 1, Tolgadea sp, Austracris guttulosa, Goniaea to open of a pale grey patch rock. sp., Macrozoleta cervena, Oedaleus australis, Psaltesia vitripennis Soil a brown sand. E. erythrophlaea + Macrocarpa conglobata to 30ft w. Banksia to 20ft + Atalaya to 15ft + much regrowth. Various shrubs to 4ft. Grass to

18in. Acrida.

14258 Steep hill completely covered
Genus nov 7 sp. 1, Macrotona sp. 7, M. sp 8, M. sp 28,
w. surface stone. Scattered E.
Eurdellana sp. 13, Goniaea sp, Sumbelvia sp. 6, Clepsydra sp. 1
bicuspidia to 1½ft. Large Triodia
to 9in. No other plants. A. gutt.

262 Undulating country. Pale
Goniaea sp, Macrotona sp. 8, Genus nov 12(?) sp 2, Macrozelota
brown soil with light stone.
carnina, Peakesia vetripennis, Gastrimargus musicus,
Mallee-form argentea to 8ft.
Austracris guttulosa.
Casnia sp. to 3ft in large patch.
Triodia (non-rigid) to 9in.
Peakesia vetripennis, P. sp. 7, Genus nov 12(?) sp 2, Macrotona sp. 4,

275 Stunted Mallee-form E.
M. sp. 8, Clepsydra sp. 1, Goniaea sp, Cephenida quadrilobus, Strepsis
argentea & Erythrotholia to 10–15
nigrorufellia, Macrozelota carnina, Sumbelvia sp. 6,
ft. on & beneath rocky edge of
Hapsfarama sp. 4.
15ft jump-up with flat-bedded
fine-grained very pale ? limestone
non-rigid Triodia va very few
forbs. A. gutt. Pale grey-brown
soil.

275 Undulating run-off
Tolgaliga sp., Peakesia vetripennis, Cephustes sp. 2,
285 Plain w. brown loamy soil
Callitala sp., Acrida conica, Austracris guttulosa, Synhaptea
w. a little purple stone. Hedge
striata,
to 20ft of regrowth, occ. Casuarina
sp. to 3ft. on 262, Grasses to 2ft,

much bare ground. Callitaloid on Casuarina.

295 Lagenia scabronatum, Yorkaptia sp. 1,
Plain as heavy silty-sandy grey soil, fiddlehead grass + "browntop" to 1ft, occ. flinders grass. A. gutt.

310 Chasmopod Chasmatholus flavovittatus Exophthalmus sp. 2.
204
343 = 310. Hab. Red-brown loam
Buforania sp., Exophthalmus sp. 2, Gastromargus musicus, to much stone. Bare areas
Pealesia trispamis, Gonioscus sp., Yorkaptia cervina, Tolgaclia sp.
to stone (many sp. across)
alternating with heavier depressions without stone bearing mosscky
Triodia sp. + ~~Eucalyptus~~ browntop.
E. pruinosa rarer erythrophloia to 15ft. Buforania on bare stony areas, Pealesia cervina on their edge. Acacia, A. gutt.
Buforania sp., Pealesia tritispamis, Strophis magrovellana
352 Slightly undulating red-brown sandy loam with numerous
cervina, Lagonia scabronatum, Gonioscus sp., Australacris guttulosa
stones, bare patches alternating
Pealesia nana, Azelota sp. 6, Macrotona sp. 8, M. sp. 5, M. sp. 13.
with grassed depressions with
patches of non-rigid green
Triodia. E. pruinosa + erythrophloia

to 15ft., occ. beete - leafed hakea
to 12ft. occ. patches prickly shrub.
much Sida sp. Distribution
of spp. as at last stop.

1+35ch Camooral

363 Macrotona sp 8, M. sp. 5, M. sp. 13, Austrocis guttulosa,
Nowranie Creek
Euophustes sp. 2, Peakesia nana, Genisseia spp(2), Macrolabelia
363 Red sandy loam with stone.
sprata, Genus nov 12(?) sp. 2.
Lucl. E. brevifolia to 15ft. well
spaced. Three acacias (spec. A-C),
(brown)
A to 5ft. B (curly) to 5ft., C (broad)
to 8ft., Ramous green Trodia
to 1ft. considerable bare ground,
sparse
none Aristida sp. A. gutt.

Baffarana sp. 4, Gastrimargus musicus, Aorida concea,
398 Levill. Brown loam
Euophustes sp 2, Cephanius quadrilobus, Calopsilla rubripes,
with patches of stone & gravel.
Callitala sp., Peakesia intripennis, Macrotona sp 5, Genus
Ledge to 15ft w. depressions
nov 60 sp. 1, Tolgadia sp.
clearing grasses to 8in adjoining
E. brevifolia to 10ft with prickly
shrubs to 4ft. & grasses. Baffarana
on a malvaceous plant (spec).
A. gutt. - Buforania

386 Hillside completely covered
with brown fine stone. E. brevifolia

Ephantus quadrilobus, Goniaea sp., Euphrosis sp. 2,
to 15ft w. Triodia sp. + base
Buforania sp. Dedalus australis, Pardillana sp. 13,
Genus nov 12(?) sp. 2, ground flat w. brown
sandy loam + prunosa + ridges
to 20ft, grass to 1ft.

14 3/9 Undulating. Brown
Macrolobaia striata, Gastrimargus musicus, Genus nov 12(?)
sandy loam to stone
sp. 2, Macrotona sp. 5, Goniaea sp.
E. brevifolia + prunosa to 10ft
w. Acacia spp. A, B, Cf. D to 6ft to 2ft.
Aristida sp. to 3ft, Triodia spp.
to 1ft.

402 Inca Creek

411 Flat. Brown sandy loam
Tolgadia sp, Paltesia {vitripennis nana} Goniaea sp., Austracris
with stone. E. prunosa to 12ft
guttulosa, Buforania sp., Strepsus nigrovittellus, Ephantus
w. patches Triodia to 9in.,
quadrilobus, Gastrimargus musicus, Praggattona australis,
Macrotona sp. 8, Pycnostictus seriatus
W. E. canaliculatus to 30ft
+ grass to 3ft. Acrida.

419 Buckley R.
Lagoona scabrosa, Yorkaspis striata, Y. sp. 1,
420 Stony rise. Undulating plain
Genus nov 78 sp. 1, Acrolophus ramulus, Gastrimargus musicus,
with light stone + slightly
Ephantus quadrilobus, Austracris guttulosa
Compact patches. Thinly grass
+ a Chloris (?) or Cynodon to 9in,
some bare patches. Chert

425 Johnston Creek.
428 Gidya on flat brown loam
Macrotona sp. 6, M. sp. 28, M. sp. 8, M. sp. 4, M. sp. 5,
Quartzmiargus musicus, Myrcola sp 3, Goniosea sp, Macrozebota
w. stones lumpy to E. pruinosa
cervina, Baeckia citripesmis, Eucalyptus sp 2. Callitala isa
on same to 15ft w. Acacia to 8
Casia sp. & Eremophila sp. &
w. rounds Triodia & very large
hummocks of rigid glaucous
Triodia to 2ft Eucalypts 10ft across.

21/4

445 Rise with subshrub ? quartzite
Baeckia sp. 1, B. citripesmis, B. nana, B. sp.; Austrocarno capitulosa,
stones & E. brevifolia to 20ft,
Goniosea sp, Macrotona sp. 8, Quartzmiargus musicus, Paraillana
Triodia sp dense to 1ft, Cladia
sp. 13, Macrozebota cervina, Genus nov 7 sp. 1, Morabo sp. (dwarf)
down to flat w. brown sandy loam
Acacia sp. B. & E. pruinosa & argentea
to 30ft w. occ. Acacia sp. B. &
sparse grasses & forbs to 1ft.
Buforonia sp, Eriostemon quadrilobus, Macbeania conglobata,
454 Outcrop of vertically bedded
Baeckia sp 7, B. citripesmis, Eucalyptus sp. 2, Macrolobium stenata,
dark brown shale, sandy brown
Macrotona sp. 8, M. sp. 4, Pyenostic serratus, Genus nov 13 sp 2,
sandy loam soil & much shale
Morabo sp. P90 (1) Callitala esa.
flats. ~~Triodia~~ E. argentea &
erythrophloia to 10ft sparse, w. basic
hakea & whitewood to same.
Sparse grass to 9in. & in small

to 4ft
gully Acacia sp. B/4 forbs. Callitris on acacia.

14459 Spring Creek.
Macrotona sp 5, M. sp 6, Blepsydria sp. 1, Macrotona sp. 4,
14464 Hill crest pale sandstone (?)
Pealesia sp. 7, Goniacea sp., Pardellana sp. 13, Macrozelota carrena,
outcropping rock & ground covered
Macrocara conglobata, Euophaleo sp 2, Pealesia vetripennes,
with stone flakes. E. brevifolia
Ephantus quadriloculus, Microcola sp. 3.
15-20ft & at one point gidgee to
15ft. Rigid glaucous Triodia to
1ft. Austr gutt., Eastr.

469 Spear Creek.

475 Mt. Isa

478. Mt. Isa depart

479 Steep rocky hill with exposed
Blepsydria sp 1, Pardellana sp 13, Macrocara conglobata,
massive outcrops & surface
Macrotona sp. 6, M. sp. 4, Macrozelota parvina, Pealesia sp,
stone. scattered E. brevifolia to
Microcola sp 12.
12ft, &c. Eremophila sp to same.
Rigid glaucous Triodia & another
sp. to 1ft. A. gutt., Ecphantus

490 Flat w. red-brown sand. E. argutaria
Buforonia sp, Pealesia vetripennis, Genus nov 13 sp 2,
w some erythrophloea to 20ft.
Azelota pardelly, Goniacea sp, Chortoicetes terminifera, Gastrimargus
Grasses & forbs, some bare ground.
musicus, Morabia sp (euro sp).
A. gutt., Aiolopus, Paga serialis,
Acrida.

& stony

1450 Rocky slope w. mallee-form
Buforania sp, Macrozoste capensis, Genus nov 77 sp. 1,
brevifolia & argentea to 10ft & one
Genus nov 15(?) sp 4, Mabrotega sp. 5, M. sp. 7, Lephantus
papuana to 25ft. A glaucous-
quadrilobus, Peakesia vitripennis, Genus nov 12(?) sp. 2.
leafed Cassia to 2ft frequent.
Eriophistes sp. 2.
Green Triodia to 9in, occ. grass
& forbs, some bare ground. A.
gutt., Gastr.

510 Rocky outcrop of dark brown
Genus nov 77 sp. 1, Clapyadena sp. 1, Peakesia sp. 7,
rocks w shale-brown ground
P. vitripennis, Macrotona sp. 8, M. sp. 13, Genus nov 12(?) sp. 2,
E. argentea & erythrophloea &
Buforania sp., Lyonsia sp., Morabea sp (curv gh).
Occ. papuana to 15ft. Soft green
Triodia & some intermingled
grass, incl. Themeda australis
& bluegrass. Morabea on grass
amongst Triodia. Genus nov
12(?) abundant.

515 Turned off to Mary Kathleen

516 Mary Kathleen

518 Back on Cloncurry road.
Pandellana sp 2, Sphingotestes erythrostemon, Macrozoste sp. 13,

520 Granite hills south large
Heteropteris olscurella, Eriostemon tormentosa, Lyonsia sp.
outcropping boulders. Brown
Macrotona sp. 8, M. sp 27(?) M. sp. 13, Genus nov 12(?) sp. 2, Peakesia
sandy loam. E. brevifolia &
vitripennis, P. sp., Clapyadena sp 1, Pandellana sp. 13,
argentea to 20ft, occ. Eucalyptus
Morabea sp (curv gh).

grass Triodia to 1ft, mucid & occ. grasses to 2ft, incl. Themeda australis & bluegrass. ? Leptospermum sp in gully to 4ft. Anot gutt., Gastr. shorsba abundant.

529 Gently undulating valley. Brown sandy loam. Mallee-form Macrotona sp. 6, M. sp 5, Eriostemon sp. 2, Eremophila quadrilobus, E. argentea to 10ft., Acacia sp. B Goniaceae sp. to 6ft in patches. Rigid glaucous Triodia to 3ft, bare ground between occ. forbs, incl. sp. (1) inhabited by Happarana, sp. (2) by Eriostemon A. gutt., Gastr.

530 Corella R.

Adelaspa erythrostera, Macrotona sp. 6, Happarna sp 2, H. sp 1, Pealeana vetripennis, P. sp 7, Perbellia picta, Austracris guttulosa, E. argentea & erythrophloia Macrosla sp. 12, Genus nov (2B) sp 2, Buforania sp, Macrocara well spaced. Rigid glaucous conglobata, Macrapelata carula, Elliptoxia sp. 1. Triodia to 1ft, occ. forbs, incl. (1) + (2) from 529. A. gutt, Gastr.

543 Hillside covered with stone to 15ft

544 Butcher Creek.

Eriaphila semitibialis, Stropis nigrovitellina, Eriostemus quadrilobus, Chortoicetes terminifera, Locusta migratoria, self-mulching chocolate soil Pealeana vetripennis.

551 Small plain, somewhat alternating with patches red-

loam with stones. Mitchell v
fluidesc grooves to 6m, some
forbs to 30m. A. gutt., Acnida-
559 Clear Creek. Pardellana sp 2, Callitala sp,
Macrotona sp 5, Paratettix nigrescens, Pyrgostictus securalis.

664 Forbsp a semitibialis, Lagconia sp.1, Genus nov. 80 sp 1.

651 Forbsp a semitibialis, Stropis glaucescens, Lagconia sp.1.

723 Gonicasa sp.